

Appendix C

Commercially Available Grass Seed Mixture Constituents by Terrestrial Coastal BEC Zones (**Bolded species** should constitute the greatest percentage by weight e.g. >20%)

* Manivalde (Many) Vaartnou Ph.D., P.Ag. is gratefully acknowledged for his advice and peer-review of this document *

BEC Zone	Recommended <u>Native</u> Seed Mixture Constituents	Recommended <u>Agronomic</u> Seed Mixture Constituents
IDFww	<ul style="list-style-type: none"> ➤ Junegrass^B <i>Koeleria macrantha</i> ➤ Rocky Mountain fescue^B <i>Festuca saximontana</i> ➤ Idaho fescue^B <i>Festuca idahoensis ssp. idahoensis</i> 	<ul style="list-style-type: none"> ➤ Annual rye^B <i>Lolium multiflorum</i> ➤ Perennial rye^B <i>Lolium perenne</i> ➤ Hard fescue^B <i>Festuca trachyphylla</i> ➤ Red fescue^S <i>Festuca rubra</i>
CDFmm (Garry Oak Ecosystems only)	<ul style="list-style-type: none"> ➤ Roemer's fescue^B <i>Festuca idahoensis ssp. roemeri</i> ➤ California oatgrass^B <i>Danthonia californica</i> ➤ California brome^B <i>Bromus carinatus</i> ➤ Blue wildrye^B <i>Elymus glaucus</i> <p style="text-align: center;">- No legumes to be included</p>	N/A
CDFmm (excluding Garry Oak Ecosystems)	<ul style="list-style-type: none"> ➤ California brome^B <i>Bromus carinatus</i> ➤ Blue wildrye^B <i>Elymus glaucus</i> ➤ Native red fescue^S <i>Festuca rubra ssp. arenicola</i> ➤ Canada bluegrass^S <i>Poa compressa</i> ➤ Spike bentgrass^S <i>Agrostis exarata</i> ➤ Hair bentgrass^B <i>Agrostis scabra</i> ➤ Tufted hairgrass^B <i>Deschampsia cespitosa</i> ➤ Slender hairgrass^B <i>Deschampsia elongata</i> ➤ Poverty oatgrass^B <i>Danthonia spicata</i> 	<ul style="list-style-type: none"> ➤ Red fescue^S <i>Festuca rubra</i> ➤ Red top^S <i>Agrostis gigantea</i> ➤ Perennial rye^B <i>Lolium perenne</i> ➤ Annual rye^B <i>Lolium multiflorum</i> ➤ Alsike clover^L <i>Trifolium hybridum</i> ➤ Red clover^L <i>Trifolium pratense</i> ➤ White clover^L <i>Trifolium repens</i>
CWH "dry" (subzones: xm, ds, dm, ms, mm, ws)	<ul style="list-style-type: none"> ➤ Same as immediately above, <u>except</u>: 1. Replace California brome <i>Bromus carinatus</i>^B with Alaska brome <i>Bromus sitchensis</i>^B 2. On wet sites, Alaska brome <i>Bromus sitchensis</i>^B is reduced to 25% by weight and Tufted hairgrass^B <i>Deschampsia cespitosa</i> is increased to 10% by weight. 	<ul style="list-style-type: none"> ➤ Red fescue^S <i>Festuca rubra</i> ➤ Red top^S <i>Agrostis gigantea</i> ➤ Perennial rye^B <i>Lolium perenne</i> ➤ Annual rye^B <i>Lolium multiflorum</i> ➤ Alsike clover^L <i>Trifolium hybridum</i> ➤ Red clover^L <i>Trifolium pratense</i> ➤ White clover^L <i>Trifolium repens</i>
CWH "wet" (subzones: wm, vm, wh, vh)	<ul style="list-style-type: none"> ➤ Same as immediately above, <u>except</u>: 1. Replace Native red fescue <i>Festuca rubra</i>^S <u>ssp. arenicola</u> (e.g. 20%) with Native red fescue <i>Festuca rubra</i>^S <u>ssp. pruinosa</u> (e.g. 20%) 	<ul style="list-style-type: none"> ➤ Red fescue^S <i>Festuca rubra</i> ➤ Red top^S <i>Agrostis gigantea</i> ➤ Alsike clover^L <i>Trifolium hybridum</i> ➤ Red clover^L <i>Trifolium pratense</i> ➤ White clover^L <i>Trifolium repens</i>
MH (subzones: mm, wh)	<ul style="list-style-type: none"> ➤ Native red fescue^S <i>Festuca rubra ssp. pruinosa</i> ➤ Alaska brome^B <i>Bromus sitchensis</i> ➤ Blue wildrye^B <i>Elymus glaucus</i> ➤ Tufted hairgrass^B <i>Deschampsia cespitosa</i> 	<ul style="list-style-type: none"> ➤ Red fescue^S <i>Festuca rubra</i> ➤ Red top^S <i>Agrostis gigantea</i> ➤ Alsike clover^L <i>Trifolium hybridum</i> ➤ Red clover^L <i>Trifolium pratense</i> ➤ White clover^L <i>Trifolium repens</i>

^S = sodgrass

^B = bunchgrass

^L = legume